

Claims

1. A nail stapler comprising a magazine for containing nails and a gun for shooting the nails from the magazine, the gun comprising a shell, a solenoid put in the shell, a mandrel put in the shell to be attracted from an original position to a punching position by means of the solenoid, a hammer secured to the mandrel and inserted through the solenoid, a spring for moving the mandrel to the original position from the punching position against the solenoid and a security device put in the shell for slowing down the mandrel when the mandrel is moved to the original position from the punching position by means of the spring.
2. The nail stapler according to claim 1 wherein the security device includes a cup secured to the mandrel and an insert secured to the shell for insertion in the cup with friction when the mandrel is in the original position.
3. The nail stapler according to claim 2 wherein the security device includes at least one ring attached to the insert for contact with an internal side of the cup.
4. The nail stapler according to claim 3 wherein the insert includes at least one annular groove for receiving the ring.
5. The nail stapler according to claim 3 wherein the security device includes two rings.
6. The nail stapler according to claim 5 wherein the insert includes two annular grooves for receiving the rings.
7. The nail stapler according to claim 1 wherein the security device

1 includes an insert secured to the mandrel and a cap secured to the
2 shell for receiving the insert with friction when the mandrel is in the
3 original position.

4 8. The nail stapler according to claim 7 wherein the security device
5 includes at least one ring attached to the insert for contact with an
6 internal side of the cap.

7 9. The nail stapler according to claim 8 wherein the insert includes at
8 least one annular groove for receiving the ring.

9 10. The nail stapler according to claim 8 wherein the security device
10 includes two rings.

11 11. The nail stapler according to claim 10 wherein the insert includes two
12 annular grooves for receiving the rings.

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